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 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES                  DESIGNATED/ELECTED OFFICE (DO/EO/US)                  CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>VER-192XX</b>
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/538,532</b>
INTERNATIONAL APPLICATION NO. <b>PCT/NL2003/000885</b>	INTERNATIONAL FILING DATE <b>12 December 2003</b>	PRIORITY DATE CLAIMED <b>12 December 2002</b>
TITLE OF INVENTION <b>PROCESS CONTROL BASED ON ANALYSIS OF MICROBIAL POPULATIONS</b>		
APPLICANT(S) FOR DO/EO/US <b>Josephus Mauritius Bernardus Maria van der Vossen; Frank Henri Johan Schuren; Roy Christiaan Montijn</b>		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. **Items (5), (6) and (21) were submitted on June 10, 2005**
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a.  is attached hereto.
  - b.  had been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached herewith (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has **NOT** expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).


**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information: **(1) Formal drawings (photomicrographs) with English text (3 sheets - Figs. 1-3); and (2) LETTER re: REQUEST FOR SEQUENCE LISTING; and (3) Copy of 371 Formalities Notice dated March 3, 2006.**

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/538,532</b>		INTERNATIONAL APPLICATION NO <b>PCT/NL2003/000885</b>		ATTORNEY'S DOCKET NUMBER <b>VER-192XX</b>	
The following fees have been submitted:				<b>CALCULATIONS</b>	
				<b>PTO USE ONLY</b>	
21. <input type="checkbox"/> Basic national fee.....		<b>\$300.00</b>		\$	
22. <input type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....		<b>\$100.00</b>		\$	
All other situations .....		<b>\$200.00</b>			
23. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		<b>\$100.00</b>		\$	
International Search Report prepared and provided to the Office.....		<b>\$400.00</b>			
All other situations.....		<b>\$500.00</b>			
<b>TOTAL OF 21, 22 and 23 =</b>				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets		Extra Sheets		Number of each additional 50 or fraction thereof (round up to a whole number)	
- 100 =		/ 50 =		X \$250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS		NUMBER FILED		NUMBER EXTRA	
Total claims		- 20 =		X \$ 50.00	
Independent claims		- 3 =		X \$200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
<b>SUBTOTAL =</b>				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(l)).				\$ 130.00	
<b>TOTAL NATIONAL FEE =</b>				\$ 260.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$ 260.00	
				<b>Amount to be Refunded:</b>	
				\$	
				<b>Amount to be Charged:</b>	
				\$	
<p>a. <input checked="" type="checkbox"/> <b>Two checks, each in the amount of \$ 130.00 (totalling \$260.00) to cover the above fees are enclosed.</b> A check in the amount of \$ _____ is enclosed for the assignment recordation fee.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0804</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>					
<b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b>					
SEND ALL CORRESPONDENCE TO:			which is associated with the Law Firm of:		
<input checked="" type="checkbox"/> Customer Number 00207			WEINGARTEN, SCHURGIN, GAGNEBIN & LEOVICI LLP		
			Ten Post Office Square		
			Boston, Massachusetts 02109		
			United States		
			Telephone: (617) 542-2290 Fax: (617) 451-0313		
Attorney Signature: 			Date: <u>3-24-06</u>		
Attorney Name: <u>Charles L. Gagnebin III</u>			Registration No: <u>25,467</u>		

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01 PD:1617  
02 PD:1310

130.00 DP  
130.00 DP


**UNITED STATES PATENT AND TRADEMARK OFFICE**

 UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/538,532	Josephus Mauritius Bernardus Maria Van Der Vossen	VER-192XX

INTERNATIONAL APPLICATION NO.

PCT/NL03/00885

I.A. FILING DATE	PRIORITY DATE
12/12/2003	12/12/2002

 207  
 WEINGARTEN, SCHURGIN, GAGNEBIN & LBOVICI LLP  
 TEN POST OFFICE SQUARE  
 BOSTON, MA 02109

**CONFIRMATION NO. 4253**
**371 FORMALITIES LETTER**


\*OC000000017971565\*

Date Mailed: 03/03/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/10/2005
- Copy of the International Search Report filed on 06/10/2005
- Preliminary Amendments filed on 06/10/2005
- Information Disclosure Statements filed on 06/10/2005
- U.S. Basic National Fees filed on 06/10/2005
- Priority Documents filed on 06/10/2005
- Specification filed on 06/10/2005
- Claims filed on 06/10/2005
- Abstracts filed on 06/10/2005
- Drawings filed on 06/10/2005

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 BY: \_\_\_\_\_  
 MAR 08 2006  
 WEINGARTEN, SCHURGIN,  
 GAGNEBIN & LBOVICI LLP

The applicant needs to satisfy supplemental fees problems indicated below.

 The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
  - The text in the drawings has not been properly translated.
  - Although the International Application was published in english, the word "Figurr" in drawings appears to be foreign text.
- Processing fee of \$130 for providing the translation of the application and/or

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months from the priority date (37 CFR 1.492(i)).

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$260** for a Large Entity:

- **\$130** Surcharge.
- **\$130** for English translation surcharge required.
- This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c) Applicant must provide an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application** and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patent Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

BARBARA A CAMPBELL

Telephone: (703) 308-9140 EXT 217

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/538,532	PCT/NL03/00885	VER-192XX

FORM PCT/DO/EO/905 (371 Formalities Notice)